

WHAT IS CLAIMED IS:

1. A speech processing apparatus comprising:  
speech recognition means for performing speech recognition; and  
natural-language processing means for performing natural language processing on a speech recognition result obtained from said speech recognition means,  
wherein said natural-language processing means comprises feedback means for feeding back information obtained as a result of the natural language processing performed on the speech recognition result to said speech recognition means, and said speech recognition means comprises process means for performing processing based on the information fed back from said feedback means.
2. A speech processing apparatus according to claim 1, wherein said speech recognition means performs speech recognition by using models, and said process means performs adaptation of the models based on the information fed back from said feedback means.
3. A speech processing apparatus according to claim 2, wherein said feedback means feeds back at least one of speech recognition result zones which are to be used for the

adaptation of the models and speech recognition result zones which are not to be used for the adaptation of the models.

4. A speech processing apparatus according to claim 2, wherein said feedback means feeds back the speech recognition result which appears to be correct.

5. A speech processing apparatus according to claim 2, wherein said feedback means feeds back the reliability of the speech recognition result.

6. A speech processing apparatus according to claim 2, wherein said feedback means feeds back a task of the speech recognition result.

7. A speech processing apparatus according to claim 2, wherein said feedback means feeds back at least one of speech recognition result zones which are to be used for the adaptation of the models, speech recognition result zones which are not to be used for the adaptation of the models, the speech recognition result which appears to be correct, the reliability of the speech recognition result, and a task of the speech recognition result.

8. A speech processing method comprising:

a speech recognition step of performing speech recognition; and

a natural-language processing step of performing natural language processing on a speech recognition result obtained in said speech recognition step,

wherein said natural-language processing step comprises a feedback step of feeding back information obtained as a result of the natural language processing performed on the speech recognition result to said speech recognition step, and said speech recognition step comprises a process step of performing processing based on the information fed back from said feedback step.

9. A recording medium for recording a program which causes a computer to perform speech recognition processing, said program comprising:

a speech recognition step of performing speech recognition; and

a natural-language processing step of performing natural language processing on a speech recognition result obtained in said speech recognition step,

wherein said natural-language processing step comprises a feedback step of feeding back information obtained as a result of the natural language processing performed on the speech recognition result to said speech recognition step,

and said speech recognition step comprises a process step of performing processing based on the information fed back from said feedback step.